

Title (en)  
MARINE TOWING SYSTEM

Title (de)  
SCHIFFSSCHLEPPSYSTEM

Title (fr)  
SYSTÈME DE REMORQUAGE MARITIME

Publication  
**EP 4031444 A1 20220727 (EN)**

Application  
**EP 20781622 A 20200918**

Priority  

- GB 201913475 A 20190918
- GB 201915622 A 20191028
- GB 201916400 A 20191111
- GB 202010593 A 20200709
- IB 2020058730 W 20200918

Abstract (en)  
[origin: WO2021053613A1] A towline deployment system comprises a gas rocket propulsion system (100), a rocket assembly (40,40'), a structural anchorage point (39,139) on the marine vessel and a length of towline (32,33). The rocket assembly has a rocket main body (41) and a heaving line cartridge (71) containing a length of heaving line (31) that pays out through a receptacle opening (73) when the rocket main body is launched by the compressed gas. The structural anchorage point (39,139) has an aperture (39', 139') for engaging with a towline stop (37). The towline is connected to the tail (3T) of the heaving line (31) through the aperture of the structural anchorage point whereby the heaving line when deployed is configured to pull the towline (32,33) through the aperture (39', 139') in the structural anchorage point (39,139) until the towline stop (37) is engaged with the aperture.

IPC 8 full level  
**B63B 21/66** (2006.01); **B63B 35/00** (2020.01); **B63C 7/00** (2006.01); **F41F 1/00** (2006.01); **F42B 12/68** (2006.01)

CPC (source: EP)  
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DOCDB simple family (publication)  
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